

k^ogan

1080p42 LCD TV



Full High Definition LCD TV

k^ogan 1080p42

USER MANUAL

Important Safety Precautions

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts.

When servicing use only identical replacement parts.

Caution: To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

This symbol indicates important instructions accompanying the product.



This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

WARNING

To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

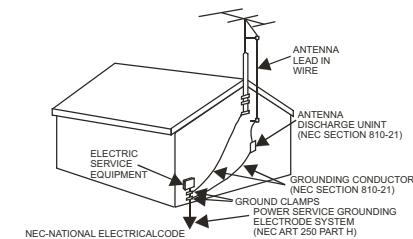
The apparatus must not be exposed to dripping or splashing. Objects filled with liquids, such as vases or drinking glasses, must never be placed on the apparatus.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.

Important Safety Precautions

12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No. 70-1984 (Section 54 of Canadian Electrical Code, Part 1) provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrode. See following example.



16. Mains plug is used as the disconnect device. It shall remain readily operable and should not be obstructed during intended use. This apparatus shall be connected to a mains socket outlet with a protective earthing connection.

User Manual Introduction

Congratulations on your Kogan LCD TV purchase!

This user manual will help you to setup and operate your Kogan TV set.

Please read this user manual before operating the LCD TV and become familiar with its features. And keep it for future reference.

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Introduction

Features

- TV adopts 120Hz HD TFT LCD
- HDTV compatible(480i,720p,1080i,1080p)
- Connect to computer directly to realize TV/monitor combo.
- Zero X radiation complies to green environment protection requirement
- 16:9 wide screen(480i,480p,720p,1080i, 1080p)
- Advanced Chroma Processing
- HDMI inputs
- Support SPDIF output

Introduction

Specifications

Display screen type	Color active matrix LCD display
Display size	42" / 108cm
The maximum resolution	1920 x 1080
Image control	Fine digital control
Power supply	AC ~110-240v ,50/60Hz
TV receive system	PAL: D/K, I, B/G; SECAM: D/K, B/G
RF reception range	ATV:45.25MHz to 863.25MHz DTV:177.5MHz to 226.5MHz 474MHz to 858MHz
Video IN	PAL, NTS3.58/4.43, SECAM
Antenna input impedance	75Ω (Unbalance)
Sound output	2 x 10W
Power supply for remote controller	DC 3V (Two AAA size batteries)
Power consumption	210W
Dimensions (LXWXH mm)	1024 x 328 x 742
Weight (Net weight)	22.5Kg
Operation environment temperature	0°C-40°C

Note:

1. Keep all original packaging in case you need to return the TV to Kogan Technologies.
2. In case of any design change, a notice will not be released.

Accessories

Please make sure the following items are included with your LCD TV. If any items are missing, contact your dealer.

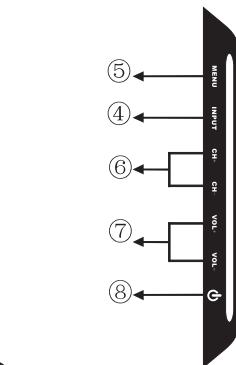
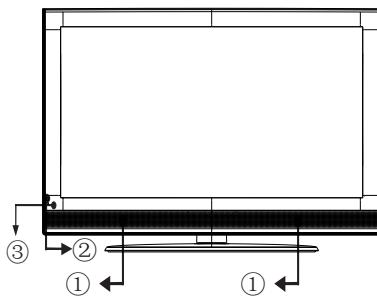


Remote Control &
Batteries (AAx 2)



Owner's
Instructions

Overview of front and side panel

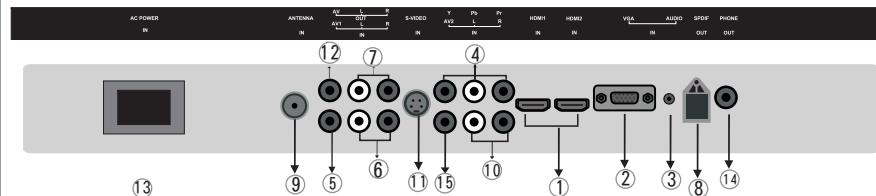
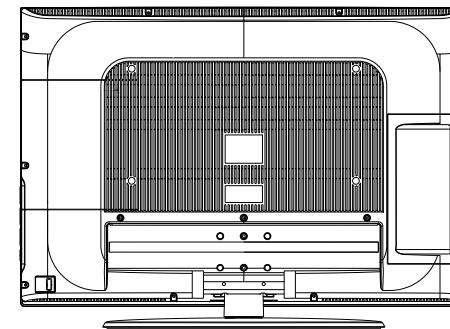


- ① SPEAKER
- ② REMOTE CONTROL SENSOR
Aim the remote control towards this spot on the TV.
- ③ POWER INDICATOR
Green: In power on mode.
Red: In standby mode.
- ④ INPUT
Toggles between all the available input sources (DTV, AV1, AV2, S-Video, YPbPr, VGA, HDMI1, HDMI2)

- ⑤ MENU
Press to see an on-screen menu of your TV's features.
- ⑥ CH+/-
Press to change channels.
In the on-screen menu, use the CH +/- buttons as up/down arrow buttons.
- ⑦ VOL+/-
Press to increase or decrease the volume.
In the on-screen menu, use the VOL +/- buttons as left/right arrow buttons.
- ⑧ ⏻ Standby button
Press ⏻ button to toggle between normal and standby mode.

General Description

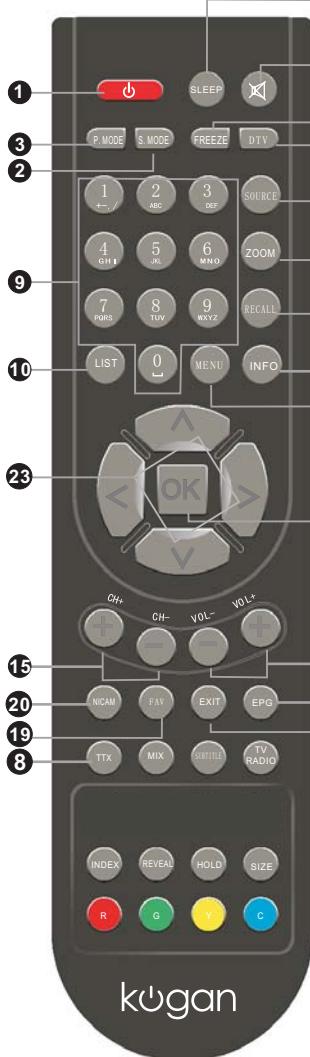
Overview of back panel



- ① **HDMI**
Connect to the HDMI jack of a device with an HDMI output.
- ② **VGA/PC IN**
Connect to the video output jack on your PC.
- ③ **PC AUDIO IN**
Audio input for external devices.
- ④ **COMPONENT**
Connect Component video.
- ⑤ **COMPOSITE AV1 VIDEO**
Video input for external devices, such as a camcorder or VCR.
- ⑥ **COMPOSITE & S-VIDEO AUDIO**
Audio inputs for external devices.
- ⑦ **AUDIO OUT**
Connect to the audio output jacks on your amplifier/home theater.
- ⑧ **SPDIF**
Connect to a Digital Audio devices.
- ⑨ **ANT**
Connect to an antenna or cable TV system.
- ⑩ **COMPOSITE AV2 & COMPONENT AUDIO**
Audio inputs for external devices.
- ⑪ **S-VIDEO**
Connect the S-VIDEO output jack of DVD or VCR
- ⑫ **VIDEO-OUT**
Connect to the video output
- ⑬ **AC POWER IN**
Ac power in socket
- ⑭ **PHONE**
connect a set of phone for private listening
- ⑮ **COMPOSITE AV2 VIDEO**
Video input for external devices, such as a camcorder or VCR.

General Description

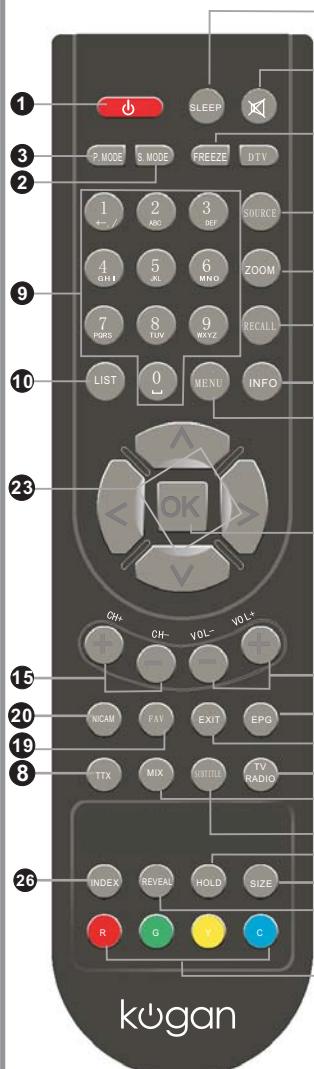
Overview of remote control



- ① POWER: Turns your TV on and off.
- ② S.MODE: Selects audio mode. Press the key repeatedly to choose one of the modes among Standard, Music, Movie and Personal.
- ③ P. MODE: Selects picture mode. Press the key repeatedly to choose one of the modes among Standard, Dynamic, Soft and Personal.
- ④ SOURCE: Selects input source.
- ⑤ ZOOM: Change the display mode of the image. Press the key repeatedly to choose one of the modes among Normal, Wide, Cinema and Zoom.
- ⑥ SLEEP: Sets the sleep timer. Press the key repeatedly to select sleep time among 10, 20, 30, 60, 90, 180, 240, 120, min and off.
- ⑦ INFO: Displays the channel information.
- ⑧ TTX: Press TTX button to enter or exit teletext mode
- ⑨ 0~9: Digital keys.
- ⑩ LIST : Press this button to display the channel list in TV mode
- ⑪ RECALL:To swap to the previous program you want from current program
- ⑫ DTV: Switches the remote control to TV mode.
- ⑬ MUTE: Mutes the sound.
- ⑭ VOL+/-: Changes your DTV's volume.
- ⑮ CH+/-: Changes channels.
- ⑯ ENTER: Validation key.
- ⑰ MENU: Displays the main menu.
- ⑱ EXIT: Exit the menu.
- ⑲ FAV: Selects favorite channels.
- ⑳ NICAM: The button is used to set NICAM sound system.
- ㉑ EPG:Selects electronic program guide.
- ㉒ FREEZE: This button is used to freeze the current picture.
- ㉓ ARROW BUTTONS(◀/▶ /▲/▼):Use to move cursor up/down/left/right.
- ⑯ Note:
In the VGA mode, you can only choose "Normal" and "Wide". In the mode of "Component" and "HDMI", you can only choose the "Wide", "Cinema" and "Zoom".

General Description

Overview of remote control



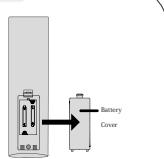
- ⑥ ⑦ MIX: Press MIX button, the teletext page changes transparent, TV content and teletext page content will display at the same time. Press MIX button again to exit mix mode.
- ⑧ SUBTITLE
- Turning the Teletext subtitles on or off. Subtitles is a separate mode with only a few buttons available. There will be no OSD visible other than the Teletext Subtitles.
- ⑨ INDEX Press INDEX button,then index page displays.
- ⑩ REVEAL:Some pages contain hidden information. The hidden text is displayed if the REVEAL button is pressed. The hidden text will be cancelled when another page is requested if a different subpage is broadcasting or if the REVEAL button is pressed.
- ⑪ HOLD: Press HOLD button to toggle Hold function on or off. When Hold is switched on, the page acquisition is stopped. When Hold is switched off, the page acquisition is started.
- ⑫ SIZE
- This is a toggle function among 3 different sizes:
Normal size: Display full screen in normal size
Top-half: Display the upper half of the screen in double height.
Bottom-half: Display the lower half of the screen in double height.
Press SIZE button one time to display the upper half of the screen in double height, press this button two times to display the lower half of the screen in double height, press this button three times to display the full screen in normal size.
- ⑬ Red/Green/Yellow/Cyan Command
- These four buttons are used to request linked page number with the current page.
- ㉔ TV/RADIO
- In the DTV source, press it to enter "Radio" Channel and press it again. to enter DTV Channel.

General Description

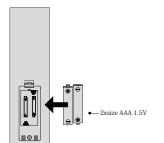
Installing Batteries in the Remote Control

Installing Batteries

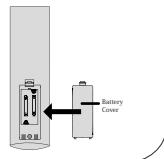
- 1 Open the battery compartment cover on the back side.



- 2 Insert two 1.5V AAA size batteries in correct polarity. Don't mix old or used batteries with new ones.



- 3 Closed the cover.



- Point the remote towards the remote control sensor of the wireless TV and use it within 7 meters.
- Put the used batteries into the recycling bin since it can negatively affect the environment.

Note:

- One loading of batteries will last for 1 year under normal use.
- If you do not intend to use the remote controller for a long period of time, remove them to avoid damage due to leakage.
- Do not use old and new batteries together.
- The batteries shall not be exposed to excessive heat such as sunshine, fire or the like

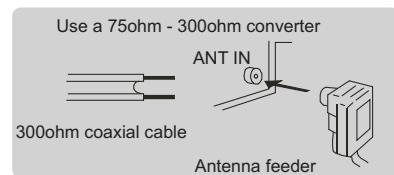
Universal Remote Control operation please refer to Appendix 2.

External Connection

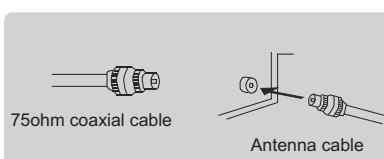
Antenna connection

Antenna input impedance of this unit is 75ohm. VHF/UHF 75ohm coaxial cable can be connected to the antenna jack directly, if the antenna cable is 300ohm parallel flat feeder cable, you need to use the 300ohm/75ohm converter to connect the antenna cable to the antenna jack. For details Please refer to the following drawing.

Antennas with 300 Ω flat twins Leads



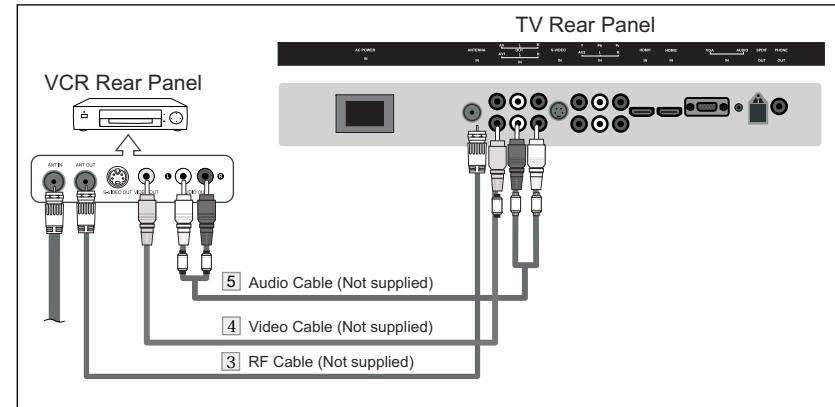
Antennas with 75 Ω Round Leads



External Connection

Connecting VCR

These instructions assume that you have already connected your TV to an antenna or a cable TV system. Skip step 1 if you have not yet connected to an antenna or a cable system.



Follow the instructions in Viewing a VCR or Camcorder Tape to view your VCR tape. Each VCR has a different back panel configuration.

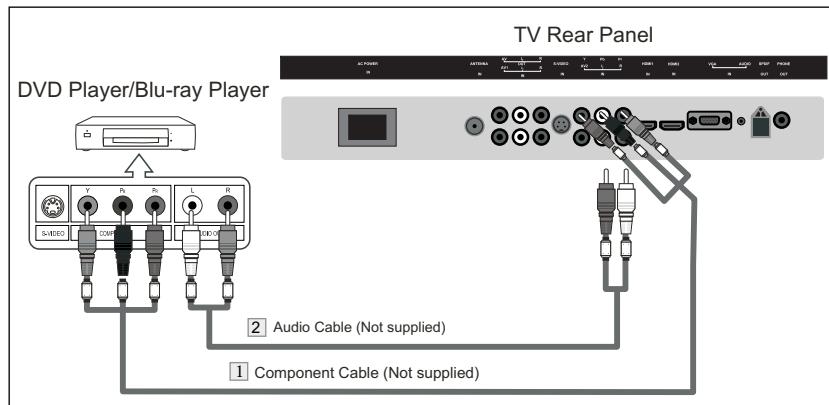
When connecting a VCR, match the color of the connection terminal to the cable. We recommend the use of cables with a Ferrite Core.

- 1 Unplug the cable or antenna from the back of the TV.
- 2 Connect the cable or antenna to the ANT IN terminal on the back of the VCR.
- 3 Connect an RF Cable between the ANT OUT terminal on the VCR and the ANT IN terminal on the TV.
- 4 Connect a Video Cable between the VIDEO OUT jack on the VCR and the VIDEO IN jack on the TV.
- 5 Connect Audio Cables between the AUDIO OUT jacks on the VCR and the AUDIO L and AUDIO R jacks on the TV.
 - If you have a mono (non-stereo) VCR, use a Y-connector (not supplied) to hook up to the right and left audio input jacks of the TV. If your VCR is stereo, you must connect two cables.

External Connection

Connecting DVD Player/Blu-ray Player

The rear panel jacks on your TV make it easy to connect a DVD to your TV.



Component video separates the video into Y (Luminance (brightness)), Pb (Blue) and Pr (Red) for enhanced video quality.

Be sure to match the component video and audio connections.

For example, if connecting the video cable to COMPONENT IN, connect the audio cable to COMPONENT IN also.

Each DVD player has a different back panel configuration.

When connecting a DVD player, match the color of the connection terminal to the cable.

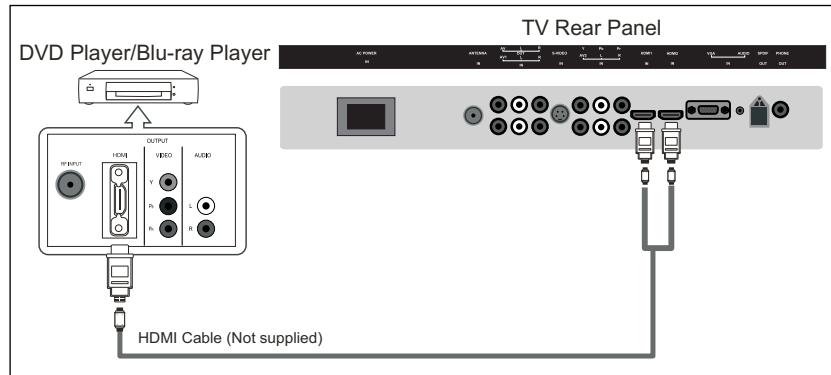
We recommend the use of cables with a Ferrite Core.

1. Connect a Component Cable to the COMPONENT IN [Y, PB, PR] jacks on the TV and the COMPONENT [Y, PB, PR] jacks on the DVD player.
2. Connect Audio Cables to COMPONENT IN [R-AUDIO-L] jacks on the TV and the AUDIO OUT jacks on the DVD player.

External Connection

Connecting DVD Player/Blu-ray Player via HDMI

This connection can only be made if there is a HDMI Output connector on the external device.



What is HDMI?

HDMI, or high-definition multimedia interface, is a next-generation interface that enables the transmission of digital audio and video signals using a single cable without compression.

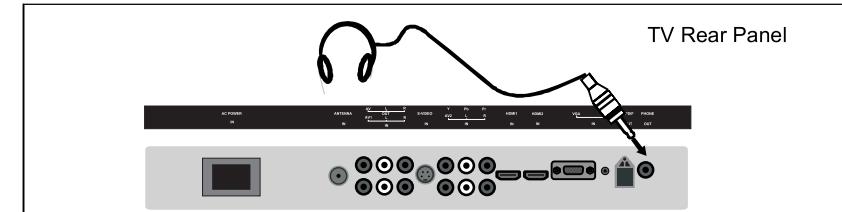
Multimedia interface is a more accurate name for it especially because it allows multiple channels of digital audio (5.1 channels).

The difference between HDMI and DVI is that the HDMI device is smaller in size, has the HDCP (High Bandwidth Digital Copy Protection) coding feature installed, and supports multi-channel digital audio.

Each DVD player/STB has a different back panel configuration.

We recommend the use of cables with a Ferrite Core.

Connecting a Headphone

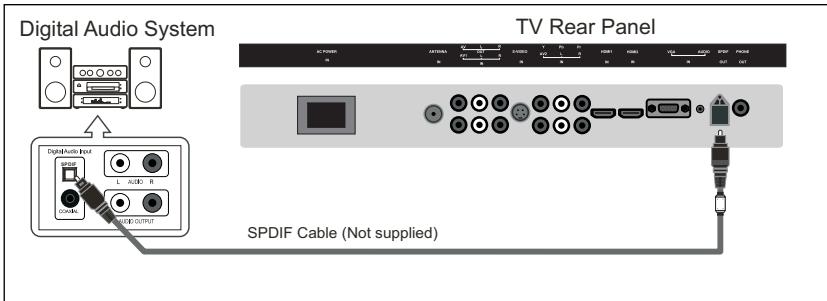


Plug headphone connector into headphone jack on the TV. Then the TV speaker will be muted.

External Connection

Connecting Digital Audio System

The rear panel jacks on your TV make it easy to connect a Digital Audio System to your TV.

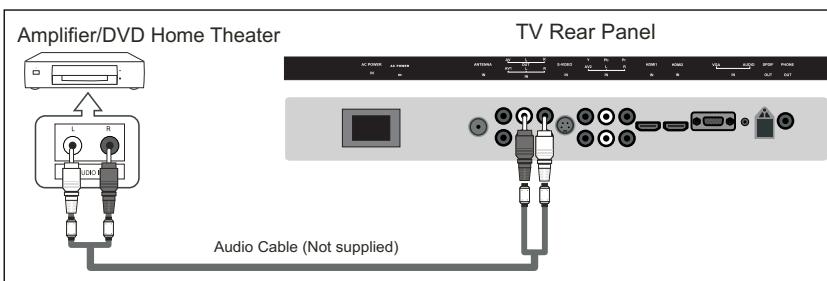


5.1 CH audio is possible when the TV is connected to an external device supporting 5.1 CH.

We recommend the use of cables with a Ferrite Core.

1. SPDIF jacks on the TV and the Digital Audio Input jacks on the Digital Audio System. When a Digital Audio System is connected to the SPDIF terminal: Decrease the gain (volume) of the TV, and adjust the volume level with the system's volume control.

Connecting Amplifier/DVD Home Theater



Each external input source device has a different back panel configuration.

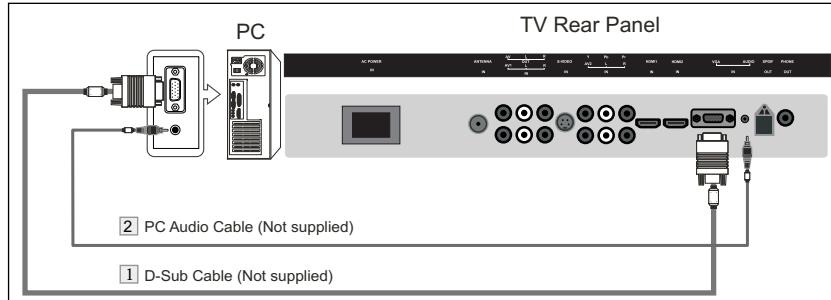
When connecting an external device, match the color of the connection terminal to the cable.

We recommend the use of cables with a Ferrite Core.

1. Connect Audio Cables between the AUDIO L and R OUT on the TV and AUDIO IN [R-AUDIO-L] on the Amplifier/DVD Home Theater.
- When an audio amplifier is connected to the AV OUT [R-AUDIO-L] terminals: Decrease the gain (volume) of the TV, and adjust the volume level with the Amplifier's volume control.

External Connection

Connecting PC



Each PC has a different back panel configuration.

The HDMI jacks do not support PC connection.

We recommend the use of cables with a Ferrite Core.

1. Connect a D-Sub Cable between RGB/PC IN connector on the TV and the PC output connector on your computer.
2. Connect a PC Audio Cable between PC AUDIO IN jack on the TV and the Audio Out jack of the soundcard on your computer.

Supporting signals

Input	Mode
Antenna	DVB-T
SCART	16QAM/64QAM
	PAL/SECAM/NTSC

Input	Resolution	Vertical Frequency
Component [YPbPr]	480i	60Hz
	480p	60Hz
	576i	50Hz
	576p	50Hz
	720p	50/60Hz
	1080i	50/60Hz
	1080p	50/60Hz
	480p	60Hz
HDMI	720p	50/60Hz
	1080i	50/60Hz
	1080p	50/60Hz
	480p	60Hz
	1360X768	60Hz

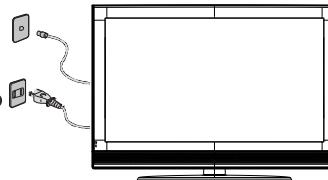
Input	Resolution	Vertical Frequency
PC/VGA	VGA 640x480	60Hz
	SVGA 800X600	60Hz
	XGA 1024X768	60Hz
	SXGA 1360X1080	60Hz

Basic Operation

Turning the TV On and Off

1 How to turn the TV on or off

1. Insert the power cord plug into a polarized AC outlet.
2. Press **POWER** button on the remote control or  button on the right panel of LCD TV.
3. Normal picture will be displayed on the screen after 6 seconds. If no signal input, "No Signal" will be displayed on the screen.
4. If temporary POWER off is required, press **POWER** button on the remote control or  button on the right panel.
5. If you want to completely switch off the power for this unit, unplug the power cord plug for this unit.
6. After switching off the unit, you should turn on the TV again at least 5 seconds later.



Status indication lamp

Green: In power on mode.

Red: In standby mode.

Auto power-off

If there is no signal input in any Mode, the TV will automatically access the standby state in about 15 minutes.

Memory before turning TV off

The settings of picture and the preset channels will be memorized at turning off the unit. When being started up again, the unit will work according to the mode set before being turned off.

Basic Operation

Menu operation

1 Input Setup

Press the "SOURCE" button on either the remote control or the front panel of the LCD TV.

Repeat pressing the "Source" button to select the desired "source".

DTV-ATV-AV1-AV2-S-Video-YPbPr-VGA-HDMI1-HDMI2



2 Channels Selection

There are four ways to select channel:

- 1) Using **0~9**, **DASH** and **ENTER** keys on the remote control to select channel directly.
- 2). Using **CH+/-** key on the remote control or on your TV to select channel.
- 3) Press **LTST** key to turn to previous channel, press it again to return to current channel.
- 4) Select channels from "All Channels List" or "Favorite Channels List".

3 Volume Adjustment and Mute Setup

Volume adjustment

Press **VOL+/-** key on the remote control or on the TV to display "Volume" menu, adjust the volume of TV between 0 to 100 by using **VOL+/-** key:

- (To increase the volume, press **VOL +** key;
- (To decrease the volume, press **VOL -** key;

Mute

Press **MUTE** key on the remote control to display mute icon on the left bottom of the screen, and the volume of TV will be turned off, press **MUTE** key again to turn on the volume. Mute can be canceled by using one of the methods below:

- (Mute will be canceled if you press **MUTE** button again.
- (Mute will be canceled if you press **VOL +** key.

Basic Operation

Menu operation

4 Current Channel Information

Press INFO key on the remote control to display the following OSD, the indications of items in this OSD are listed in the following table.

5 EPG Menu

Press EPG key to enter "EPG" menu, the first line displays current channel number channel name, event title and current time.

The second line displays all programs which will be displayed in this channel, press **◀/▶** key to select the program you desired, then press **ENTER** key to enter this program to watch.

Menu system instruction

Picture menu options

Picture menu options

Press the **MENU** on the LCD TV front panel or on the remote control and then use the **◀/▶** and **ENTER** to select the Picture menu.



Press **▲/▼** buttons to move the cursor to the item to be selected.

Press **◀/▶** buttons to make the desired adjustments.

When you are satisfied with your adjustments, press **MENU** or **EXIT** to exit the main menu.

Menu system instruction

Picture menu options

Picture Mode

Select the type of picture that best corresponds to your viewing requirements by selecting Picture Mode in the PICTURE menu. Press the **OK** button to select the picture mode such as Personal/Standard/Dynamic/Soft.

Contrast

Press **▲/▼** buttons and then use **◀/▶** to adjust the contrast of the picture.

Brightness

Press **▲/▼** buttons and then use **◀/▶** to adjust the brightness of the picture.

Color

Press **▲/▼** buttons and then use **◀/▶** to adjust the color saturation.

Sharpness

Press **▲/▼** buttons and then use **◀/▶** to adjust the sharpness level of picture.

Tint

Press **▲/▼** button and then use **◀/▶** to adjust the tint of picture.
But this function is available in the NTSC that is one of the color systems.

Color Temp

Press **▲/▼** buttons and then use **◀/▶** to adjust the color mode of picture, such as Cool, Normal and Warm

Aspect Ratio

Press **▲/▼** button to select Aspect Ratio the press **◀/▶** button to select (Available video size: ZOOM2-ZOOM1-16:9-4:3-AUTO)

Noise Reduction

In Picture menu, press **▲/▼** button to select Noise Reduction, then press **◀/▶** button to turn on/off Noise Reduction.

Menu system instruction

SOUND menu options

SOUND menu options

Press the MENU button on the LCD TV front panel or on the remote control and then use and ENTER to select the SOUND menu.



Press **▲/▼** buttons to move the cursor to the item to be selected.

Press **◀/▶** button to adjust.

When you are satisfied with your adjustments, press the MENU or EXIT to exit the main menu.

Sound Mode

You can select the type of sound which best corresponds to your listening preferences by selecting Sound in the Audio menu. Press the OK button to select one of the audio modes such as personal/Standard/Music/Movie.

Treble

Press **▲/▼** buttons and then use **◀/▶** buttons to increase or decrease the level of the treble sounds.

Bass

Press **▲/▼** buttons and then use **◀/▶** button to increase or decrease the level of the bass response.

Balance

Press **▲/▼** buttons and then use **◀/▶** buttons to adjust the audio output level between left and right speakers.

Auto Volume

Press **▲/▼** buttons and then use **◀/▶** buttons to select Auto Volume ON or OFF.

Surround Sound

Press **▲/▼** buttons and then use **◀/▶** buttons to select surround ON or OFF.

Menu system instruction

Audio Language

Press **▲/▼** buttons to select one of the audio languages such as English/French and Spanish, but the language code must be programmed for this option to be available. If there is no selection it has not been programmed for this model.

Note: SPDIF Type and Audio Language are available only in DTV.

Time menu options

Time

Press the MENU button and use **◀/▶** button to choose "Time" setting, then press **▼** button or OK button to enter "Time" menu.



1. Clock

You can modify the time of your TV set, but when you switch to DTV program, the "Clock" is decided by the signal from your antenna. You can't set the time again unless turn the TV on next time.

2. Off/On Timer

In "Off Timer" item, press **◀/▶** button or OK button to enter the submenu, and set date & time you desired, when to turn off the TV set.

In "On Timer" item, press **◀/▶** button or OK button to enter the submenu, and set the time you desire when to turn on the TV set, if the TV set is in the standby mode. You can also choose which day to control your TV set in a week.

3. Sleep Timer

Press **◀/▶** button to set sleep time: off, 10, 20, 30, 60 240 min. Press MENU button to exit when you have set the sleep timer.

Notes: The sleep timer you have set will be canceled when the TV turns off or if a power failure occurs.

4. Auto Sleep

When "Auto Sleep" is turned on, the TV set will be in the standby mode 5 minutes later if there is no signal.

5. Time Zone

You can choose it to modify your time zone in the TV set.

Notes: When the time is less than 1 minute, reminder information will be displayed on the screen. Press EXIT button to cancel timer function.

Menu system instruction

Setup menu options

Setup menu options

Press the MENU button on the front panel of the LCD TV or on the remote control, and **◀/▶** then use buttons and **ENTER** to select the setup menu.



1. Press the **▲/▼** button to move the cursor to the item to be selected.
2. Press the **◀/▶** button to make adjustments.
3. When you are satisfied with your adjustments, press the **MENU** or **EXIT** button to exit the main menu.

1. Language

You can choose the OSD language you desired. Press **◀/▶** button repeatedly to choose Menu Language.

2. Audio Languages

You can choose the audio language and the languages what can be chose are decided by the program. (Note: Only available in DTV mode.)

3. Subtitle Language

You can choose the subtitle language and the languages what can be chose are decided by the program. (Note: Only available in DTV mode.)

4. Hearing Impaired

You can activate the specific subtitle for hearing impaired (if made available by the broadcaster). (Note: Only available in DTV mode.)

5. Country

The country which is set in the TV set is shown on the screen, you can choose the country where you are when you enter "Auto Search" menu.

6. Restore Setting

In the "Restore Setting" option, then press **ENTER** or **▶** key to enter "Restore Setting" submenu. Use **◀/▶** key to select "Yes" or "No", then press "**ENTER**" to confirm. If you select "Yes", all settings will be restored default settings.

Menu system instruction

Picture menu options

Picture menu options

Press **▶** button to enter the submenu list as bellow. (This item only available in VGA source input)



Auto Adjust

Press **▲/▼** buttons and then use **ENTER** button to do auto adjust that automatically adjusts the available options for the best viewing configuration.

H-offset

Press **▲/▼** buttons and then use **◀/▶** to adjust the horizontal position of the picture (this function is to adjust the picture to Left/Right as to your preference).

V-offset

Press **▲/▼** buttons and then use **◀/▶** to adjust the vertical position of the picture (to adjust the picture to Left/Right as to your preference).

Size

Press **▲/▼** buttons and then use **◀/▶** to adjust the Size of the picture (this function is to minimize any vertical bars or stripes visible on the background screen. And the horizontal screen size will also change).

Phase

Press **▲/▼** buttons and then use **◀/▶** to adjust the phase of the picture (this function allows you to remove any horizontal noise and to sharpen the image of characters).

Menu system instruction

TV SETTING operations

Channel setup

Press MENU button on the TV set or the remote controller. Then press **◀/▶** button until "Channel" are activated (such option becomes a protruding shape). Press OK button to access "Channel" setup menu, with the TV set display menu as shown as follows:



1. Search

You must switch your TV to the ATV/DTV source (detail operation please refer to "Source Setup").

Then follow steps in the previous page.

1) Auto Tuning

At first press OK button to start "Auto Tuning", then press **◀/▶** button to choose Country as following:



Press **▼** button to select "Start", and press OK button to search, then the searching interface will be on the screen as following:
(If you want to exit, press **▲/◀/▶** button to select "Cancel", and press OK button To exit.)



The number of searched channels will be shown on the screen.

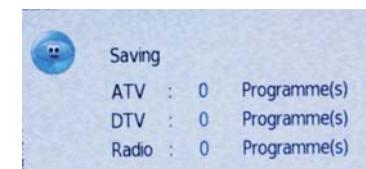
When the searching of ATV channels is over, TV will start to search DTV channels.

When the whole searching is over, all the channels will be stored in the channel.

Menu system instruction

TV SETTING operations

List and there is a message on the screen:



NOTE:

- 1) If you want to exit the ATV searching, you can press MENU button, then a message will be on the screen.
- 2) The same as ATV searching, you can press MENU button to exit the DTV searching, then the message will be on the screen too.
- 3) If you want to exit the whole searching, you can press EXIT button.

2) ATV Manual Tuning

- In the ATV source, you can choose "ATV Manual Tuning" to enter "ATV Manual Search" menu as following:



Storage To: You can press **◀/▶** button to change channels which are used to store the searched channels.

System: You can press **◀/▶** button to choose sound system of ATV signal.

Current CH: You can see the current channel number and you can press **◀/▶** button to choose the channel you want to modify.

Search: you can use **▶** button to search channels from low frequency to high frequency and use **◀** button to search channels from high frequency to low frequency. When you have searched a channel, the searching will be paused and you can press it again for other channels after you store the channel.

Fine Tune: In case of unfavorable image or sound of TV program, you can use "Fine Tune".

Skip: You can choose if skip the searched channels.

Frequency: You can see the frequency of the searched channels.

Note: Remember to store the channel by pressing RED button after searching/ Fine-tuning.

Menu system instruction

DTV Manual Tuning

- In the DTV source, you can choose "DTV Manual Search" to enter "DTV Manual Tuning" menu as following:



You can use **◀/▶** button to choose the channel number and press **OK** button to enter searching, and then the TV will store the DTV channel if there is the DTV signal.

2. Channels Selection

There are three ways to select channel:

- Using 0~9 and **OK** buttons on the remote control to select channel directly.
(The TV set has no more than 100 ATV channels.)
- Using **CH ▲/▼** button on the remote control or on your TV to select channels.
- Press **RECALL** button to return to previous channel, press it again to return to current channel.

Note: **RECALL** is not activated if no channel has been changed after TV turning on.

3. Program Edit

You can use **▲/▼** button to choose "Program Edit" and enter menu as following:



You can use the color button to delete, rename, move and skip programs.

DEL: You can press **RED** button to enter "DEL" menu, then choose the channel you want to delete and press **RED** button again to delete.

RENAMNE: You can press **▲/▼** button to choose the channel you want to rename, and press **GREEN** button to enter "RENAME" menu. In this menu, you can press **◀/▶** button to select the character, then press **▲/▼** button to adjust. (Note: Only available in ATV program.)

MOVE: You can press **▲/▼** button to choose the channel you want to move and press **YELLOW** button to move it.

SKIP: You can press **▲/▼** button to choose the channel you want to skip and press **BLUE** button to skip it when you change channels.

Menu system instruction

LOCK menu operations

Lock

Press **MENU** button and use **◀/▶** button to choose the "Lock" setting. You should enter the password at first when you enter the "Lock" menu.

Note: The preset password is 0000, the super password is 8888.



1. Lock System

You can choose if turn on the "Lock" function. Only "Lock System" is "On", "Block Program", "Parental Guide" take effect.

2. Change Password

You can press **▶** button to Change password as following:

3. Block Program

You can choose the "Block Program" option to enter the "Block" menu and you can choose program for which you want to set the password.



You can press **▲/▼** button to choose channels you want to block and press **GREEN** button to lock it. Then you can press **GREEN** button again to unlock.

Note: Only available when you set the "Lock System" is "On".

After you have blocked the programs, exit the menu and turn TV on again, the TV set will show the message as following:

CH BLOCKED ▶

Menu system instruction

LOCK menu operations

Press ► button in this menu, it will display "password" menu, and you can input the password to unlock it.



4. Parental Guide

Some programs are unsuitable for children. You can choose programs for your children by your children's age(4-18).

Note: Only available in DTV mode.

NOTE:

When you have set the password, you must enter the password if you want to do TV Searching

Troubleshooting

If you have any problem, check the countermeasures for each symptom listed below. The following symptoms may have caused by inappropriate adjustment rather than actual malfunction of the unit. If the trouble persists, contact the service center.

Symptoms	Possible solutions
No power	Please check the power cord is plug in. Unplug the power cord and plug it after 60 seconds and restart the TV.
No picture	Please check antenna connection. Station may experience problems, please tune to another station. Please adjust the settings of contrast and brightness.
Good picture but no sound	Please increase the volume. Please check TV is under mute mode, press MUTE button on the remote control. Please check sound settings.
Good sound but abnormal color or no picture	Please check the antenna connection.
No remote control	Batteries of remote control may have exhausted, if necessary, please change the batteries. Clean the remote control lens. The distance between LCD TV and remote control should be within 8m.
Full screen flickering under VGA	V-HEIGHT value may be set too big, restart computer and enter safe mode, then set monitor parameters to correct value according to adjustment description.
Horizontal stripes under VGA	Sample phase may be deflected, adjust phase according to picture position.
Colored dots may be present on the screen	This product is the high resolution LCD display device and a few cell defects can occur in the manufacture of the LCD. Several colored dots visible on the screen would be acceptable. in line with other LCD manufacturers and would not mean that the LCD is faulty. We hope you will understand that it could not be changed or refunded.